

Graduation & Pathway Plans



Graduation Plans

A Graduation plan enables students to connect what they are currently doing in school to what they want to do in the future.

-Required by IC 20-30-4



Graduation Plans

Per IC 20-30-4:

6 th Grade	end of 9 th Grade	end of 9 th Grade (cont.)
Initial plan developed	Further develop: -subject and skill areas of interest to the student	-Plans to take voluntary assessments (10-12) including: -SAT -ACT
-intent to graduate H.S. -acknowledgement of: --Good Citizenship --School Attendance --Diligent Study habits	-Core 40 program of study -entitled to graduate upon completion of plan	-AP exams -College readiness exams -Workforce readiness exam (IC 22-4.1-2)
-Becomes part of student's permanent record	-take courses necessary to gain admittance to a state educational institution	-Review of plan annually in grades 10-12.

Career Pathways & Plans

PATHWAY (Program of Study) - Indiana's College and Career Pathways are defined as an aligned sequence of secondary and postsecondary courses that leads to an industry-recognized credential or technical certification, or an associates or baccalaureate degree at an accredited postsecondary institution, or a registered apprenticeship in:

- An occupation labeled as high wage and moderate/high demand in Indiana, or
- An occupation within the eight emerging career areas identified in the Indiana Strategic Skills Initiative or approved by the Pathways Management Team.



Pathway Plans

PATHWAY PLAN - A Pathway Plan is the template that details the specific high school and postsecondary courses that lead to a college degree program or a certification/credential in a particular pathway.



Pathway Plan-Manufacturing

Indiana College and Career Pathway Plan – State Model

Cluster: Manufacturing

Pathway: Advanced Manufacturing

Core 40 with Honors High School Graduation Plan*

*This is a SAMPLE plan for schools to use in planning. Course sequences and grade level in which courses are offered may vary according to local policies, practices and resources.

Students should enroll in Indiana Career Explorer, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans.

SECONDARY	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Preparation Courses for this Pathway		Other Elective Courses for this Pathway	
	9	English 9	Algebra I	Biology	Health & Wellness/ Physical Ed	Preparing for College & Careers;		Digital Citizenship, Personal Financial Responsibility	World Language
	10	English 10	Geometry	Chemistry	Geography/History of the World or World History/Civilization	Introduction to Advanced Manufacturing & Logistics	Computers in Design & Production or Intro to Engineering Design or Principles of Engineering		World Language
	11	English 11	Algebra II	3 rd Core 40 Science	US History	** Advanced Manufacturing I			World Language
	12	English 12	Math or Quantitative Reasoning		Government Economics	** Advanced Manufacturing II			Fine Arts
State specified Pathway Assessment: Dual credit assessment from Ivy Tech or Vincennes University or MSSC assessment (all 4 exams)									
Industry Recognized Certification: MSSC									

Postsecondary Courses Aligned for Potential Dual Credit**

**See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

Ivy Tech Community College	Vincennes University
ADMF 101 Key Principles of ADMF ADMF 102 Technology in ADMF ADMF 113 Electrical and Electronic Principles for Manufacturing ADMF 116 Automation & Robotics in Manufacturing ADMF 103 Graphic Communications for Manufacturing	CIMT 100/L Electronics for Automation CIMT 125/L Intro to Robotics and Automation PMTD 110/L Manufacturing Processes

Pathway Plan-Computer Programming

Indiana College and Career Pathway Plan – State Model

Cluster: Information Technology

Pathway: Computer Programming

Core 40 with Honors High School Graduation Plan*

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Students should enroll in Indiana Career Explorer, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans.

SECONDARY	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Preparation Courses for this Pathway		Other Elective Courses for this Pathway	
	9	English 9	Algebra I	Biology	Health & Wellness/ Physical Ed	Preparing for College & Careers;		Digital Citizenship, Personal Financial Responsibility	World Language
	10	English 10	Geometry	Chemistry	Geography/History of the World or World History/Civilization	**Information Communications and Technology			World Language
	11	English 11	Algebra II	3 rd Core 40 Science	US History	**Computer Programming I			World Language
	12	English 12	Math or Quantitative Reasoning		Government Economics	**Computer Programming II			Fine Arts
State specified Pathway Assessment: Dual Credit Finals									
Industry Recognized Certification: None									

Postsecondary Courses Aligned for Potential Dual Credit**

**See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

Ivy Tech	Vincennes University
<ul style="list-style-type: none"> CINS 101 Micro Operating Systems CINS 113 Logic Design Programming CINS 121 C++ Programming CINS 136 Java Programming CINS 137 Visual Basic Programming 	<ul style="list-style-type: none"> Dual Credit Pending

Pathway Plan-Culinary Arts

Indiana College and Career Pathway Plan – State Model

Cluster: Hospitality & Human Services

Pathway: Culinary Arts

Core 40 with Honors High School Graduation Plan*

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Students should enroll in Indiana Career Explorer, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans.

SECONDARY	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Preparation Courses for this Pathway		Other Elective Courses for this Pathway	
	9	English 9	Algebra I	Biology	Physical Ed; Health req. met with F&CS courses	Preparing for College & Careers; Nutrition & Wellness		Digital Citizenship; Personal Financial Responsibility	World Language
	10	English 10	Geometry	Chemistry	Geography/History of the World or World History/Civilization	Introduction to Culinary Arts	Advanced Nutrition & Wellness; Interpersonal Relationships		World Language
	11	English 11	Algebra II	3 rd Core 40 Science	US History	**Culinary Arts & Hospitality			World Language
	12	English 12	Math or Quantitative Reasoning		Government Economics	**Advanced Culinary Arts		Introduction to Business	Fine Arts

State specified Pathway Assessment: ProStart Level 1 and Level 2; Culinary Arts Pre-PAC; Dual credit final exams

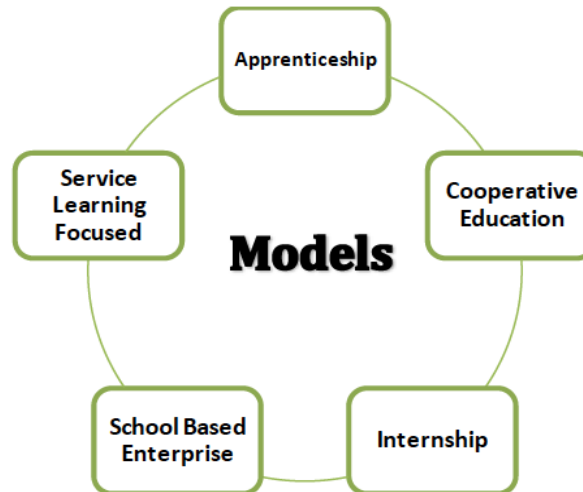
Industry Recognized Certification: ProStart Certificate of Achievement; Culinary Arts Preprofessional Certification

Postsecondary Courses Aligned for Potential Dual Credit**

**See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

Ivy Tech Community College	Vincennes University
<ul style="list-style-type: none"> HOSP 101 Sanitation and First Aid HOSP 102 Basic Food Theory and Skills HOSP 104 Nutrition HOSP 105 Intro to Baking 	<ul style="list-style-type: none"> CULN 110 Quantity Food Production REST 120 Food Service Sanitation REST 100 Intro Hospitality Management REST 155 Quantity Food Purchasing

Pathway Plans & Work-Based Learning



Apprenticeship-provides an opportunity for a person to learn a job or skill by working for a fixed period of time for someone who is very good at that job or skill

Cooperative Education-provides a structured integration of classroom learning and real-world experiences*

Internship- provides real world experience to those looking to explore or gain the relevant knowledge and skills required to enter into a particular career field.

School Based Enterprise- provides opportunities for students to gain job skills and participate in the management process of a school based enterprise.

Service Learning Based-provides opportunities for students to gain management, organizational, and communication skills while completing service

**Cooperative programs must follow all federal and state laws related to student employment and cooperative education. ???Need to insert link to regulations here...*

Challenges & Opportunities

- Value ALL college and career pathways at the secondary level
- The role of the school counselor (and teachers!)
- focus on career exploration



Graduation and Pathway Plans

Questions?

